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ABSTRACT

This report presents the results of the seventh and final year of data collection on the characteristics of teacher education students in Minnesota. Twenty-two of Minnesota's 27 approved teacher education institutions provided information on program applicants between July 1, 1993 and June 30, 1994, with 21 institutions providing information on students completing licensure programs. Of the 2,910 applicants reported, 2,639 (91 percent) were accepted into teacher education programs. Seventy percent of admitted applicants were women; 86 percent were Minnesota residents. Only 95, or 3.6 percent, of the 2,639 new students and 53, or 2.6 percent of 2,006 graduates were members of racial minorities and ethnic groups. Fifty-nine percent of entering students were age 22 or older, 14 percent were 30 or older; 18 percent had earned a baccalaureate or graduate degree prior to admission. Over half of the incoming students preferred to teach in suburban schools; 43 percent were attracted to rural schools; and 11 percent preferred to teach in a major city with a population of over 500,000. Data on entering grade point averages and on self-reported high school rank were available on 85 percent of newly admitted students. The data revealed that 33 percent of these students said they had graduated in the top quarter of their class and 72 percent in the top half; and virtually all admitted students with reported grades had grade point averages (GPAs) above 2.5 at the time of application, and 22 percent had GPAs of 3.5 or better. Information on 72 percent of teacher education graduates indicated that 38 percent of those with reported grades had a GPA of 3.5 or better and less than one percent had GPAs below 2.5. Study data are presented in tables, which comprise the bulk of the document. (ND)

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TEACHER EDUCATION STUDENTS IN MINNESOTA
ANNUAL REPORT

July 1, 1993 - June 30, 1994

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TEACHER EDUCATION STUDENTS IN MINNESOTA
ANNUAL REPORT

July 1, 1993 - June 30, 1994

Minnesota Higher Education Coordinating Board
in Cooperation with
Minnesota Association of Colleges for Teacher Education

June 30, 1995

PREFACE

In cooperation with the Minnesota Association of Colleges for Teacher Education, the Higher Education Coordinating Board has collected and maintained information on the characteristics of teacher education students.

Legislation establishing this function was passed in 1985 following recommendations from the Coordinating Board, the Board of Teaching, and the Minnesota Association of Colleges for Teacher Education. This legislation was repealed in 1991, but information continued to be collected as part of the Coordinating Board's own workplan. After reviewing priorities of the Coordinating Board and teacher education programs, the agency elected to terminate annual reporting with the 1993-94 reporting cycle.

The attached report includes the results of the seventh and final year of data collection.

Information on teacher education students was provided by students and their Minnesota teacher education institutions. Applicants completed a form when they applied to enter the program. Institutions supplied information on the applicant's admissions status and, for admitted students, the exit status.

In addition to this annual summary report, information in the data base can be used for special studies by state agencies, teacher education institutions, and individual researchers.

HIGHLIGHTS

Twenty-two of Minnesota's 27 approved teacher education institutions provided information on program applicants between July 1, 1993, and June 30, 1994.

Twenty-one institutions provided information on students completing licensure programs. Some institutions reported information from a fraction of their graduates; the information on graduates in this report probably reflects about 57 percent of the total number completing licensure programs during the year.

Of 2,910 applicants reported, 91 percent, or 2,639 students, were accepted into teacher education programs. Institutional acceptance criteria vary. At some institutions, students who do not meet admissions standards are not allowed to apply.

General Characteristics

- Seventy percent of the admitted applicants are women. Eighty-six percent are Minnesota residents.

- Only 95, or 3.6 percent, of 2,639 new students and 53, or 2.6 percent, of 2,006 graduates are members of minority racial and ethnic groups. Eighty-seven percent of the minority applicants completed the admissions process and were admitted, compared to 91 percent of the white, non-Hispanic applicants.

- Older students are common in teacher education programs. Fifty-nine percent of the entering students are age 22 or older; 14 percent are age 30 or older. Eighteen percent have earned a baccalaureate or graduate degree prior to admission.

- Over half the incoming students would prefer to teach in suburban schools. Rural schools are attractive to 43 percent. Only 11 percent prefer to teach in a major city of over 500,000 people.

Academic Characteristics

Data on entering grade point averages and on self-reported high school rank are available on over 85 percent of the new admitted students:

- Thirty-three percent of the admitted students who provided information on their high school rank said they had graduated in the top quarter of their class; 72 percent had graduated in the top half.

- Virtually all admitted students with reported grades had grade point averages (GPAs) above 2.5 at the time of application. Twenty-two percent had GPAs of 3.5 or better. These grades mostly reflect achievement in lower division general education courses where prospective teachers compete with all students.

Upon completion of the licensure program, 38 percent of those with reported grades had a GPA of 3.5 or better. Less than one percent had GPAs below 2.5. Information on final GPA was provided for 72 percent of the graduates.

Test scores on admissions tests (the ACT, SAT, and PSAT) frequently have been used to portray teachers' academic backgrounds, sometimes based on declared interest in teaching while the student is in high school. Test score data reported as part of this system are too incomplete to draw conclusions for the state as a whole. Some teacher education departments do not have access to these scores.

Minnesota Higher Education Coordinating Board
TEACHER EDUCATION STUDENTS IN MINNESOTA

REPORTING YEAR: July 1, 1993 - June 30, 1994

REPORTING INSTITUTIONS: Total All Institutions

TOTAL NUMBER OF APPLICATIONS REPORTED	2910	
	N	%
ACTION TAKEN		
Withdrew application	129	4.4
Not accepted	142	4.9
Accepted	2639	90.7
TOTAL NUMBER OF APPLICANTS ACCEPTED	**2639**	
	N	%
ENROLLMENT STATUS		
Full-time	2367	89.7
Part-time	182	6.9
Not given	90	3.4
TOTAL NUMBER OF STUDENTS REPORTED LEAVING TEACHER EDUCATION PROGRAMS	**2153**	
	N	%
TERMINATION STATUS		
Withdrew before completion	142	6.6
Dropped by faculty	5	.2
Completed program	2006	93.2

Minnesota Higher Education Coordinating Board
TEACHER EDUCATION STUDENTS IN MINNESOTA

REPORTING YEAR: July 1, 1993 - June 30, 1994

REPORTING INSTITUTIONS: Total All Institutions

	APPLIED		ACCEPTED		COMPLETED	
TOTAL NUMBER:	**2910**		**2639**		**2006**	
INSTITUTION	**N**	**%**	**N**	**%**	**N**	**%**
Augsburg College	Not Reported		Not Reported		Not Reported	
Bethel College	126	4.3	81	3.1	29	1.4
Carleton College	14	.5	14	.5	8	.4
Concordia College-Moorhead	180	6.2	175	6.6	130	6.5
Concordia College-St. Paul	Not Reported		Not Reported		Not Reported	
Crown College	Not Reported		Not Reported		Not Reported	
Gustavus Adolphus College	45	1.5	33	1.3	48	2.4
Hamline University	Not Reported		Not Reported		Not Reported	
Macalester College	42	1.4	28	1.1	8	.4
North Central Bible College	40	1.4	35	1.3	32	1.6
Northwestern College	56	1.9	55	2.1	72	3.6
College of St. Benedict/St. John's	86	3.0	73	2.8	68	3.4
St. Mary's University	18	.6	18	.7	20	1.0
St. Olaf College	24	.8	23	.9	30	1.5
College of St. Scholastica	33	1.1	27	1.0	45	2.2
University of St. Thomas	104	3.6	103	3.9	71	3.5
College of St. Catherine	104	3.6	82	3.1	92	4.6

Minnesota Higher Education Coordinating Board
TEACHER EDUCATION STUDENTS IN MINNESOTA

REPORTING YEAR: July 1, 1993 - June 30, 1994

REPORTING INSTITUTIONS: Total All Institutions

	APPLIED		ACCEPTED		COMPLETED	
TOTAL NUMBER:	**2910**		**2639**		**2006**	
INSTITUTION (Continued)	N	%	N	%	N	%
Bemidji State University	217	7.5	217	8.2	Not Reported	
Mankato State University	342	11.8	342	13.0	276	13.8
Moorhead State University	Not Reported		Not Reported		Not Reported	
St. Cloud State University	493	16.9	493	18.7	509	25.4
Southwest State University	176	6.0	148	5.6	90	4.5
Winona State University	153	5.3	153	5.8	151	7.5
U of M-Duluth	245	8.4	245	9.3	188	9.4
U of M-Morris	12	.4	12	.5	70	3.5
U of M-Twin Cities	400	13.7	282	10.7	69	3.4

Minnesota Higher Education Coordinating Board
TEACHER EDUCATION STUDENTS IN MINNESOTA

REPORTING YEAR: July 1, 1993 - June 30, 1994

REPORTING INSTITUTIONS: Total All Institutions

	APPLIED		ACCEPTED		COMPLETED	
TOTAL NUMBER:	**2910**		**2639**		**2006**	
DEMOGRAPHIC INFORMATION	N	%	N	%	N	%
SEX						
Female	2031	69.8	1840	69.7	1444	72.0
Male	850	29.2	770	29.2	532	26.5
Not Given	29	1.0	29	1.1	30	1.5
STATE OF RESIDENCE						
Minnesota	2502	86.0	2276	86.2	1751	87.3
Other	408	14.0	363	13.8	255	12.7
RACE/ETHNIC GROUP						
American Indian	20	.7	20	.8	15	.7
Asian or Pacific Islander	42	1.4	39	1.5	22	1.1
Black	20	.7	14	.5	9	.4
Hispanic	27	.9	22	.8	7	.3
Caucasian, non-Hispanic	2730	93.8	2475	93.8	1881	93.8
Not Given	71	2.4	69	2.6	72	3.6
AGE AT TIME OF APPLICATION						
Under 19	14	.5	13	.5	5	.2
19-21	1147	39.4	1031	39.1	954	47.6
22-29	1292	44.4	1181	44.8	783	39.0
30-39	292	10.0	264	10.0	162	8.1
40 and over	113	3.9	101	3.8	69	3.4
Not given	52	1.8	49	1.9	33	1.6
MOTHER'S EDUCATION						
0-8 years	34	1.2	33	1.3	20	1.0
9-11 years	73	2.5	67	2.5	55	2.7
12 years	822	28.2	752	28.5	606	30.2
13-15 years	853	29.3	761	28.8	592	29.5
16 years	736	25.3	669	25.4	476	23.7
17 or more years	318	10.9	286	10.8	177	8.8
Not given	74	2.5	71	2.7	80	4.0

Minnesota Higher Education Coordinating Board
TEACHER EDUCATION STUDENTS IN MINNESOTA

REPORTING YEAR: July 1, 1993 - June 30, 1994

REPORTING INSTITUTIONS: Total All Institutions

	APPLIED		ACCEPTED		COMPLETED	
TOTAL NUMBER:	2910		2639		2006	
DEMOGRAPHIC INFORMATION (Continued)	N	%	N	%	N	%
FATHER'S EDUCATION						
0-8 years	63	2.2	59	2.2	47	2.3
9-11 years	113	3.9	108	4.1	101	5.0
12 years	683	23.5	631	23.9	498	24.8
13-15 years	694	23.8	620	23.5	453	22.6
16 years	640	22.0	575	21.8	417	20.8
17 or more years	632	21.7	566	21.4	399	19.9
Not given	85	2.9	80	3.0	91	4.5
MOTHER'S OCCUPATION						
Managerial/professional	904	31.1	811	30.7	529	26.4
Technical, sales, administrative support	707	24.3	657	24.9	525	26.2
Service occupations	974	33.5	873	33.1	709	35.3
Precision production, craft, and repair	20	.7	18	.7	19	.9
Operator, fabricator, laborer	70	2.4	60	2.3	43	2.1
Farming, forestry, fishing	40	1.4	39	1.5	27	1.3
Not given	195	6.7	181	6.9	154	7.7
FATHER'S OCCUPATION						
Managerial/professional	1335	45.9	1202	45.5	837	41.7
Technical, sales, administrative support	299	10.3	267	10.1	212	10.6
Service occupations	162	5.6	147	5.6	138	6.9
Precision production, craft, and repair	350	12.0	317	12.0	262	13.1
Operator, fabricator, laborer	314	10.8	293	11.1	202	10.1
Farming, forestry, fishing	224	7.7	205	7.8	186	9.3
Not given	226	7.8	208	7.9	169	8.4

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REPORTING INSTITUTIONS: Total All Institutions

	APPLIED		ACCEPTED		COMPLETED	
TOTAL NUMBER:	**2910**		**2639**		**2006**	
ACADEMIC INFORMATION	N	%	N	%	N	%
HIGH SCHOOL CLASS RANK (Self-Reported)						
Top quartile	837	28.8	783	29.7	592	29.5
Second quartile	1048	36.0	947	35.9	721	35.9
Third quartile	652	22.4	578	21.9	423	21.1
Lowest quartile	108	3.7	94	3.6	57	2.8
Not given	265	9.1	237	9.0	213	10.6
GPA UPON APPLICATION						
3.50 - 4.00	542	18.6	514	19.5	436	21.7
3.00 - 3.49	1016	34.9	922	34.9	710	35.4
2.50 - 2.99	928	31.9	855	32.4	643	32.1
2.00 - 2.49	79	2.7	37	1.4	42	2.1
Less than 2.00	2	.1	2	.1	0	.0
Not given	343	11.8	309	11.7	175	8.7
PSAT MATH SCORES						
71 - 80	2	.1	2	.1	4	.2
61 - 70	24	.8	22	.8	39	1.9
51 - 60	92	3.2	75	2.8	131	6.5
41 - 50	132	4.5	118	4.5	193	9.6
31 - 40	44	1.5	39	1.5	110	5.5
20 - 30	11	.4	9	.3	21	1.0
Not given	2605	89.5	2374	90.0	1508	75.2
PSAT VERBAL SCORES						
71 - 80	2	.1	1	.0	3	.1
61 - 70	5	.2	5	.2	12	.6
51 - 60	38	1.3	31	1.2	57	2.8
41 - 50	136	4.7	120	4.5	168	8.4
31 - 40	110	3.8	96	3.6	199	9.9
20 - 30	16	.5	14	.5	66	3.0
Not given	2603	89.5	2372	89.9	1506	75.1

Minnesota Higher Education Coordinating Board
TEACHER EDUCATION STUDENTS IN MINNESOTA

REPORTING YEAR: July 1, 1993 - June 30, 1994

REPORTING INSTITUTIONS: Total All Institutions

	APPLIED		ACCEPTED		COMPLETED	
TOTAL NUMBER:	**2910**		**2639**		**2006**	
ACADEMIC INFORMATION (Continued)	N	%	N	%	N	%
ACT COMPOSITE SCORES						
31 - 36	8	.3	6	.2	7	.3
21 - 30	514	17.7	481	18.2	381	19.0
11 - 20	374	12.9	354	13.4	413	20.6
1 - 10	5	.2	5	.2	12	.6
Not given	2009	69.0	1793	67.9	1193	59.5
PRE-PROFESSIONAL READING						
Passing (173 and over)	2002	68.8	1902	72.1	1481	73.8
Not passing (under 173)	251	8.6	242	9.2	193	9.6
Not given	657	22.6	495	18.8	332	16.6
PRE-PROFESSIONAL WRITING						
Passing (172 and over)	1963	67.5	1869	70.8	1494	74.5
Not passing (under 172)	289	9.9	224	10.4	181	9.0
Not given	658	22.6	496	18.8	331	16.5
PRE-PROFESSIONAL MATH						
Passing (169 and over)	2128	73.1	2025	76.7	1592	79.4
Not passing (under 169)	117	4.0	111	4.2	81	4.0
Not given	665	22.9	503	19.1	333	16.6
HIGHEST DEGREE EARNED BEFORE ADMISSION						
None	2007	69.0	1835	69.5	1608	80.2
Associate	358	12.3	331	12.5	197	9.8
Bachelor's	505	17.4	441	16.7	179	8.9
Master's	37	1.3	30	1.1	20	1.0
Doctorate/professional	3	.1	2	.1	2	.1

Minnesota Higher Education Coordinating Board
TEACHER EDUCATION STUDENTS IN MINNESOTA

REPORTING YEAR: July 1, 1993 - June 30, 1994

REPORTING INSTITUTIONS: Total All Institutions

	APPLIED		ACCEPTED		COMPLETED	
TOTAL NUMBER:	**2910**		**3639**		**2006**	
ACADEMIC INFORMATION (Continued)	N	%	N	%	N	%
NUMBER OF INSTITUTIONS ATTENDED BEFORE ADMISSION						
One	1503	51.6	1368	51.8	1254	62.5
Two	904	31.1	817	31.0	503	25.1
Three or more	503	17.3	454	17.2	249	12.4
FINAL GRADE POINT AVERAGE						
3.50 - 4.00					544	27.1
3.00 - 3.49					592	29.5
2.50 - 2.99					296	14.8
2.00 - 2.49					8	.4
Less than 2.00					0	.0
Not given					566	28.2
TEACHING PLANS AT TIME OF APPLICATION						
SCHOOL PREFERENCE*						
Public	1741	59.8	1599	60.6	1160	57.8
Private/church related	320	11.0	293	11.1	180	9.0
Private/not church related	501	17.2	471	17.8	237	11.8
No preference/not given	1128	38.8	1003	38.0	760	37.9
COMMUNITY PREFERENCE*						
Major urban	331	11.4	286	10.8	200	10.0
Urban	899	30.9	809	30.7	577	28.8
Suburban	1597	54.9	1464	55.5	1071	53.4
Rural	1225	42.1	1137	43.1	785	39.1
No preference/not given	845	29.0	747	28.3	596	29.7

* Multiple response allowed

Minnesota Higher Education Coordinating Board
TEACHER EDUCATION STUDENTS IN MINNESOTA

REPORTING YEAR: July 1, 1993 - June 30, 1994

REPORTING INSTITUTIONS: Total All Institutions

	APPLIED		ACCEPTED		COMPLETED	
TOTAL NUMBER:	**2910**		**2639**		**2006**	
PROPOSED/COMPLETED LICENSURE FIELDS*	N	%	N	%	N	%
	(Proposed)		(Proposed)		(Completed)	
Pre-kindergarten	176	6.0	157	5.4	49	1.7
Kindergarten	488	16.8	445	15.3	225	7.7
Elementary education	1374	47.2	1247	42.9	942	32.4
Agriculture	9	.3	9	.3	0	.0
Art	67	2.3	60	2.1	38	1.3
Business/distributive education	30	1.0	26	.9	15	.5
English/language arts	238	8.2	214	7.4	142	4.9
English as a second language	81	2.8	58	2.0	3	.1
Foreign languages						
French	37	1.3	29	1.0	17	.6
German	35	1.2	30	1.0	10	.3
Spanish	100	3.4	88	3.0	38	1.3
Other/unspecified	2	.1	1	.0	2	.1
Health	73	2.5	66	2.3	49	1.7
Home economics	16	.5	16	.5	5	.2
Industrial education	15	.5	15	.5	11	.4
Mathematics	175	6.0	170	5.8	95	3.3
Music						
Band	37	1.3	32	1.1	20	.7
Orchestra	12	.4	11	.4	5	.2
Vocal	59	2.0	49	1.7	38	1.3
Physical education	137	4.7	130	4.5	86	3.0
Science						
Middle school/junior high	65	2.2	67	2.1	20	.7
Earth/space	33	1.1	31	1.1	13	.4
Life science	112	3.8	103	3.5	56	1.9
Physical science	66	2.3	59	2.0	22	.8

* Multiple response allowed

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REPORTING INSTITUTIONS: Total All Institutions

	APPLIED		ACCEPTED		COMPLETED	
TOTAL NUMBER:	**2910**		**2639**		**2006**	
PROPOSED/COMPLETED LICENSURE FIELDS* (Continued)	N	%	N	%	N	%
	(Proposed)		**(Proposed)**		**(Completed)**	
Social studies	286	9.8	257	8.8	162	5.6
Speech	23	.8	22	.8	11	.4
Speech/theater arts	20	.7	19	.7	8	.3
Theater arts	8	.3	6	.2	0	.0
Coaching	444	15.3	412	14.2	278	9.6
Driver education	1	.0	1	.0	3	.1
Family life	15	.5	15	.5	3	.1
Bilingual/bicultural	18	.6	15	.5	1	.0
Library/media	2	.1	1	.0	3	.1
Social work	11	.4	10	.3	4	.1
Family education/parent educator	27	.9	25	.9	3	.1
Early childhood/family educator	49	1.7	45	1.5	4	.1
Visually handicapped	3	.1	3	.1	0	.0
Hearing impaired	18	.6	17	.6	0	.0
Speech correction	41	1.4	41	1.4	29	1.0
Educable mentally handicapped	41	1.4	40	1.4	54	1.9
Trainable mentally handicapped	9	.3	9	.3	10	.3
Early childhood	150	5.2	139	4.8	7	.2
Learning disabled	71	2.4	67	2.3	41	1.4
Physically handicapped	9	.3	9	.3	0	.0
Adaptive physical education	33	1.1	33	1.1	7	.2
Emotionally disturbed	51	1.8	47	1.6	18	.6
Other	4	.8	22	.8	11	.4
No area listed	337	11.6	309	10.6	98	3.4

* Multiple response allowed

Minnesota
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